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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**



Applicant: Daniel J. Sullivan

Serial No.: 09/699,626

Examiner: P. Wingood

Filed: October 30, 2000

Group Art Unit: 3736

For: GUIDEWIRE WITH MULTIPLE RADIOPAQUE MARKER SECTIONS

Docket No.: 1001.1413102

**TRANSMITTAL SHEET**

Box AF

Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

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**CERTIFICATE UNDER 37 C.F.R. 1.10:** The undersigned hereby certifies that this paper or papers, as described herein, are being deposited in the United States Postal Service, "Express Mail Post Office to Addressee" having an Express Mail mailing label number of: EL593906399US, in an envelope addressed to: Box AF, Assistant Commissioner for Patents, Washington, D.C., 20231 on this 2nd day of January 2003.

By Kathleen L. Boekley  
Kathleen L. Boekley

We are transmitting herewith the attached:

[ XX ] Amendment After Final

[ ] No additional fee required

[ XX ] The fee has been calculated as shown:

CLAIMS AS AMENDED							
	(3)	(4)	(5)	SMALL ENTITY		OTHER	
	REMAINING CLAIMS	HIGHEST PAID	EXTRA	RATE	ADD'L FEE	RATE	ADD'L FEE
TOTAL CLAIMS	6 -	20 =	0	X9=	\$	X18=	\$0
INDEPENDENT CLAIMS	6 -	3 =	3	X42=	\$	X84=	\$252
( ) FIRST MULTIPLE DEPENDENT CLAIM				+140=	\$	+280=	\$0
TOTAL				\$		\$252	

{ XX }

A check in the amount of \$252.00 is enclosed. Itemization:

Fee Code 1201

\$252.00

Fee Code \_\_\_\_\_

\$

[ ]

Small entity status of this application under 37 C.F.R. 1.9 and 1.27 has been established by verified statement previously submitted.

[ ]

Other: \_\_\_\_\_.

[XXXX]

Please charge any deficiencies or credit any overpayment in the enclosed fees to Deposit Account No. 50-0413.

By:

  
David M. Crompton

Reg. No. 36,772

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PATENT TRADEMARK OFFICE



for  
1-22-03

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of:

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AMENDMENT AFTER FINAL

CERTIFICATE UNDER 37 C.F.R. 1.10: The undersigned hereby certifies that this paper or paper as described herein, are being deposited in the United States Postal Service, "Express Mail Post Office Addressee" having an Express Mail mailing label number of: EL593906399US, in an envelope addressed to: Box AF, Assistant Commissioner for Patents, Washington, D.C., 20231 on this 2nd day of January 2003:

By

*Kathleen L. Boekley*

Kathleen L. Boekley

Dear Sir:

In response to the Final Office Action dated November 5, 2002, please amend the above-captioned patent application as follows:

In the Claims

Please cancel claims 11-30 without prejudice.

Please add new claims 31-36 as indicated.

31. (New) An intravascular guidewire, comprising:

an elongate shaft having a proximal portion and a distal portion, the proximal portion comprising a solid wire which tapers distally, the distal portion having a distal end portion including a radiopaque coil tip disposed at the distal end portion; and

a plurality of radiopaque markers disposed on the shaft proximal of the coil tip, the markers defining a plurality of 1.5 cm longitudinal spaces therebetween.